CONTENTS

Physiological Responses to Nutrient Limitation, W. Harder and L. Dijkhuizen	1
IMMUNOLOGY OF MALARIA, Judith A. Deans and Sydney Cohen	25
MECHANISMS OF INDUCED RESISTANCE IN PLANTS, Luis Sequeira	51
TWITCHING MOTILITY, Jørgen Henrichsen	81
ACCUMULATION OF METABOLITES BY HALOTOLERANT ALGAE AND ITS INDUSTRIAL POTENTIAL, A. Ben-Amotz and Mordhay Avron	95
GENETIC IMPROVEMENT OF INDUSTRIAL YEASTS, J. F. T. Spencer and Dorothy M. Spencer	121
MOLECULAR SYSTEMATICS OF PROKARYOTES, Karl Heinz Schleifer and Erko Stackebrandt	143
ECOLOGY OF ACTINOMYCETES, M. Goodfellow and S. T. Williams	189
Non-A, Non-B Hepatitis Viruses, A. M. Prince	217
TAXONOMY (AND ECOLOGY) OF FLAVOBACTERIUM AND RELATED GENERA, J. M. Shewan and T. A. McMeekin	233
YEAST DNA PLASMIDS, Norio Gunge	253
BIOLOGY OF AEROBIC CARBON MONOXIDE-OXIDIZING BACTERIA, Ortwin Meyer and Hans G. Schlegel	277
CRYSTALLINE SURFACE LAYERS ON BACTERIA, Uwe B. Sleytr and Paul Messner	311
BEGGIATOA, THIOTHRIX, AND THIOPLOCA, John M. Larkin and William R. Strohl	341

EVOLUTIONARY RELATIONSHIPS IN VIBRIO AND PHOTOBACTERIUM: A	
BASIS FOR A NATURAL CLASSIFICATION, Paul Baumann, Linda	
Baumann, Marilyn J. Woolkalis, and Sookie S. Bang	369
Rhizobium Infection and Nodulation: A Beneficial Plant	
DISEASE? C. P. Vance	399
SYNTHETIC PEPTIDE IMMUNOGENS AS VACCINES, Thomas M. Shinnick,	
J. Gregor Sutcliffe, Nicola Green, and Richard A. Lerner	425
TUMOR IMMUNOLOGY—THREE DECADES IN REVIEW, Pnina Brodt	447
Evolution of Wall-less Prokaryotes, Jack Maniloff	477
STRUCTURE, FUNCTION, AND ASSEMBLY OF CELL WALLS OF GRAM-	
POSITIVE BACTERIA, Gerald D. Shockman and John F. Barrett	501
IMMUNITY TO INFLUENZA IN MAN, Robert B. Couch and	
Julius A. Kasel	529
ROLE OF PROTON MOTIVE FORCE IN SENSORY TRANSDUCTION	
IN BACTERIA, Barry L. Taylor	551
MICROBIOLOGY OF ORIENTAL FERMENTED FOODS, C. W. Hesseltine	575
THE IGA1 PROTEASES OF PATHOGENIC BACTERIA, Andrew G. Plaut	603
CELL INTERACTIONS AND REGULATION OF CELL TYPE IN THE YEAST	
SACCHAROMYCES CEREVISIAE, George F. Sprague, Jr.,	
Lindley C. Blair, and Jeremy Thorner	623
Indexes	
Subject Index	661
Cumulative Index of Contributing Authors, Volumes 33-37	670
Cumulative Index of Chapter Titles, Volumes 33-37	672

